



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



June 17, 2002
Letter of Deficiency
DAM #173.07

Mr. Tom Gaydos
Town Administrator
Town of Ashland Water Department
1 Collins Street
Ashland, NH 02217

RE: Jackson Pond Dam, New Hampton

Dear Mr. Gaydos:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on November 8, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

1. There is a wet area at the downstream right toe, as first noted in the June 1988 inspection report. No sediment deposits or movement of the water was observed during inspection. In a letter dated July 16, 1999, DES requested that engineering services be sought to investigate and design a toe drain to be installed along the downstream toe of both the right and left embankments to control seepage;
2. The seepage noted in June 1999 at the left downstream retaining wall was not apparent at the time of inspection;
3. There is debris in the stoplog channel;
4. The crack in the upstream left spillway retaining wall has not worsened since noted in the October 27, 1998 inspection; and
5. There is no operations and maintenance (O&M) plan on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

August 31, 2002

1. Provide evidence that engineering services have been sought to investigate the seepage problems at the downstream toe of both the right and left embankments;
2. Clear the stoplog channel of debris;
3. Test the EAP

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- 4 Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel; and

Continuously

5. Monitor the crack in the upstream left spillway retaining wall.

Due to the time that has lapsed as well as additional deficiencies observed as a result of the November 8, 2001 inspection, DES will be officially closing out the 1997 LOD. Enclosed is a copy for your reference. It is our hope that the additional deficiencies as well as the outstanding deficiencies will be addressed within the schedule indicated above.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

It has come to our attention that since the town of Ashland no longer uses Jackson Pond for water supply, you may not have an interest in owning this dam. You may be interested to know that there are many potential funding sources available if you choose to remove the dam and restore the river to free-flowing condition. It appears that removal of Jackson's Pond dam would simply entail the removal of the concrete lip that the stoplogs reset on. Removal may be a more cost effective long-term solution for you rather than making the repairs requested above. If you have any interest in removal, please feel free to contact me for more detail.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,



Amy C. Clark
Dam Safety Engineer

Attachments Copy of 97 LOD, Guideline for an O&M plan, DB8, DB13
cc: Gretchen Rule

Town of New Hampton

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ACC/was/h:/safety/wendy/lod/173-07lod_acc.doc